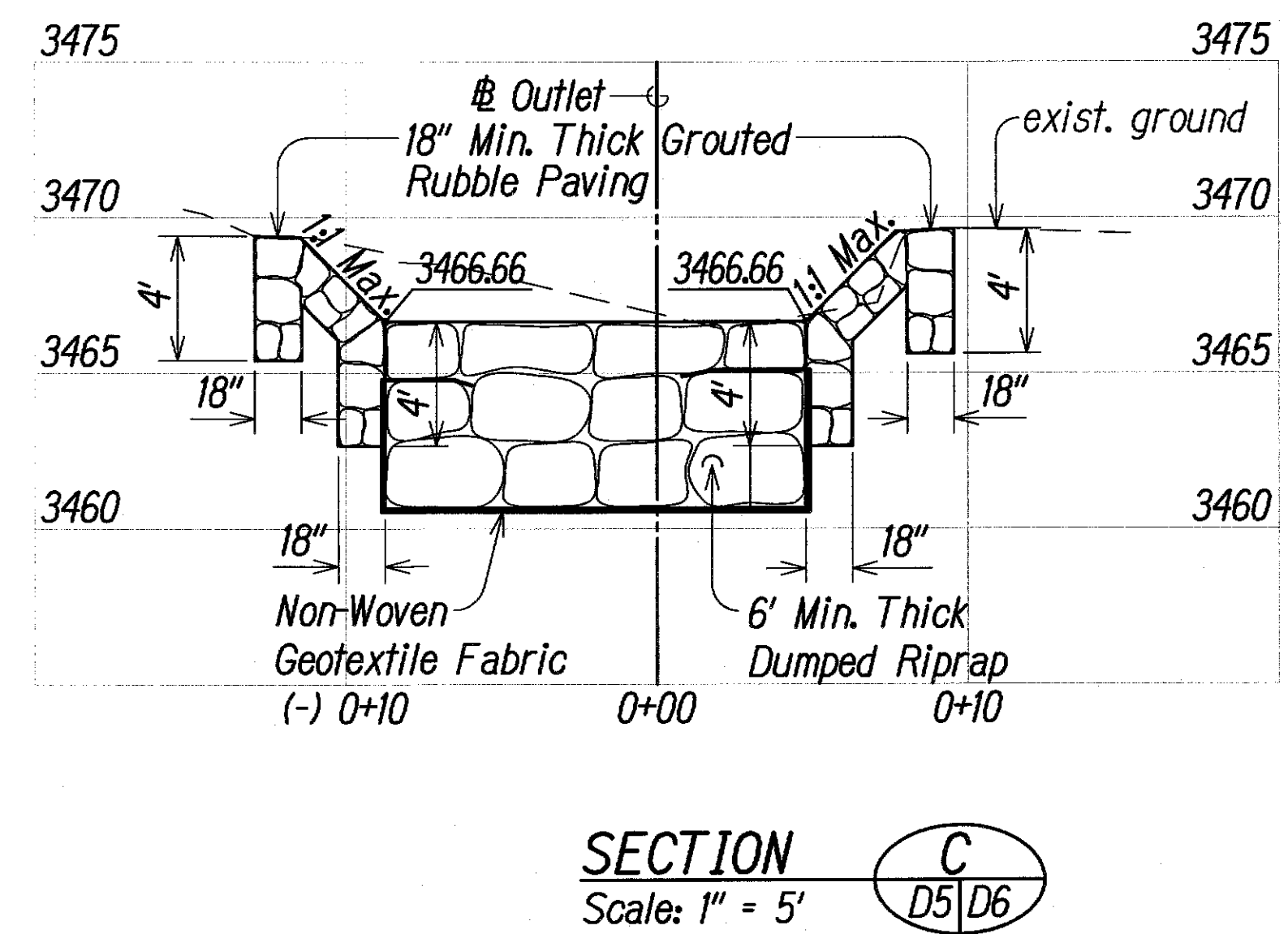
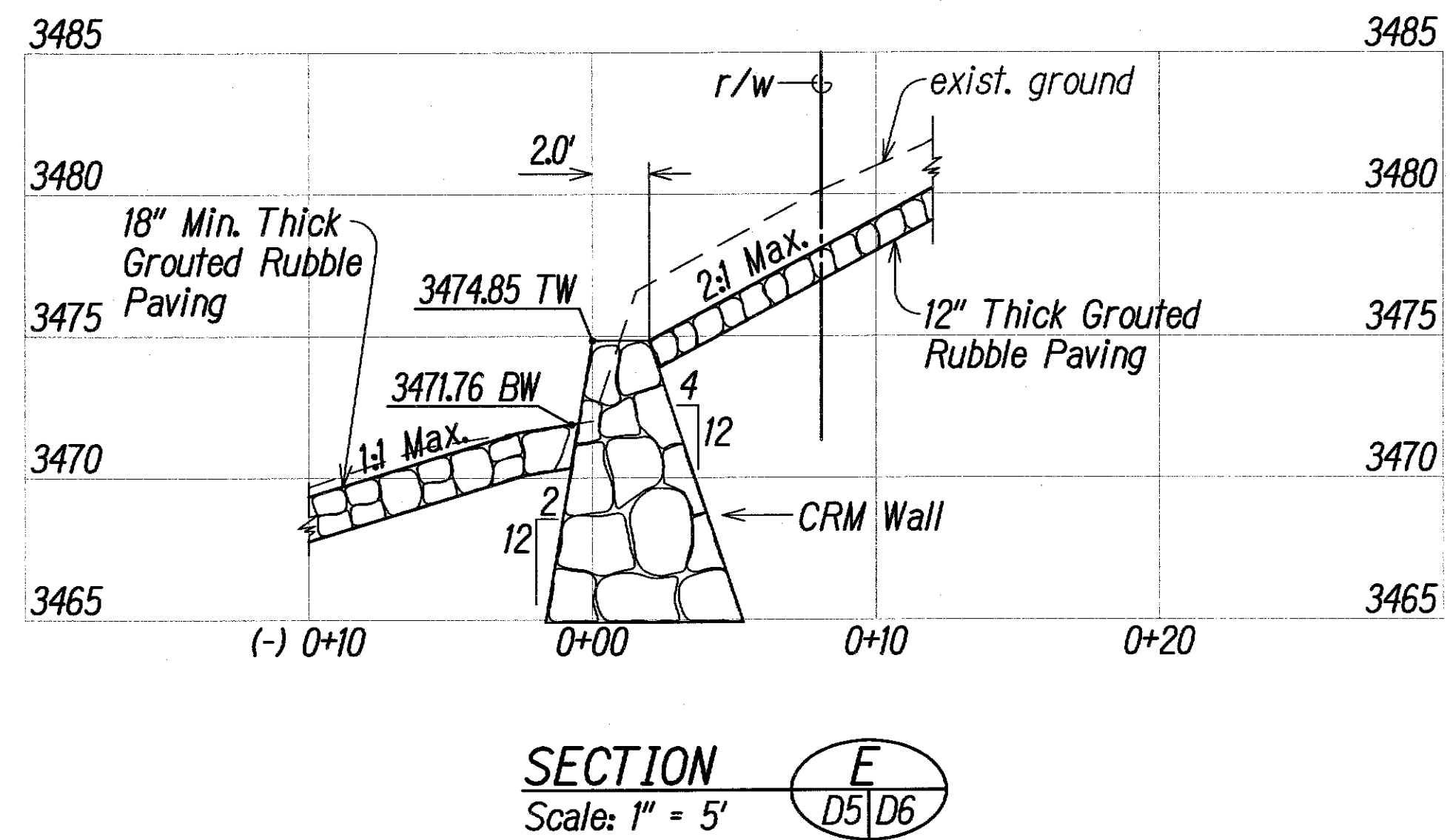
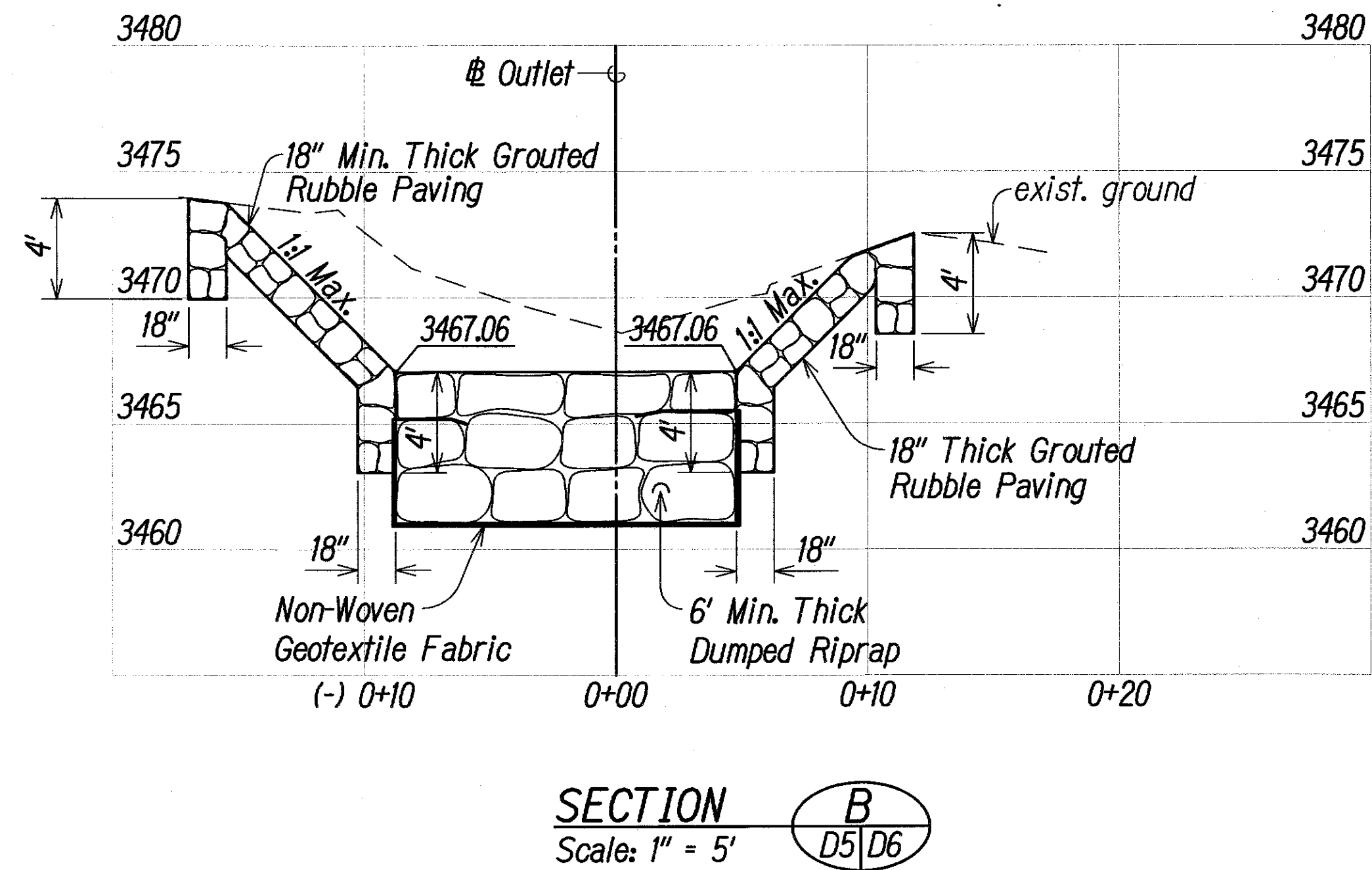
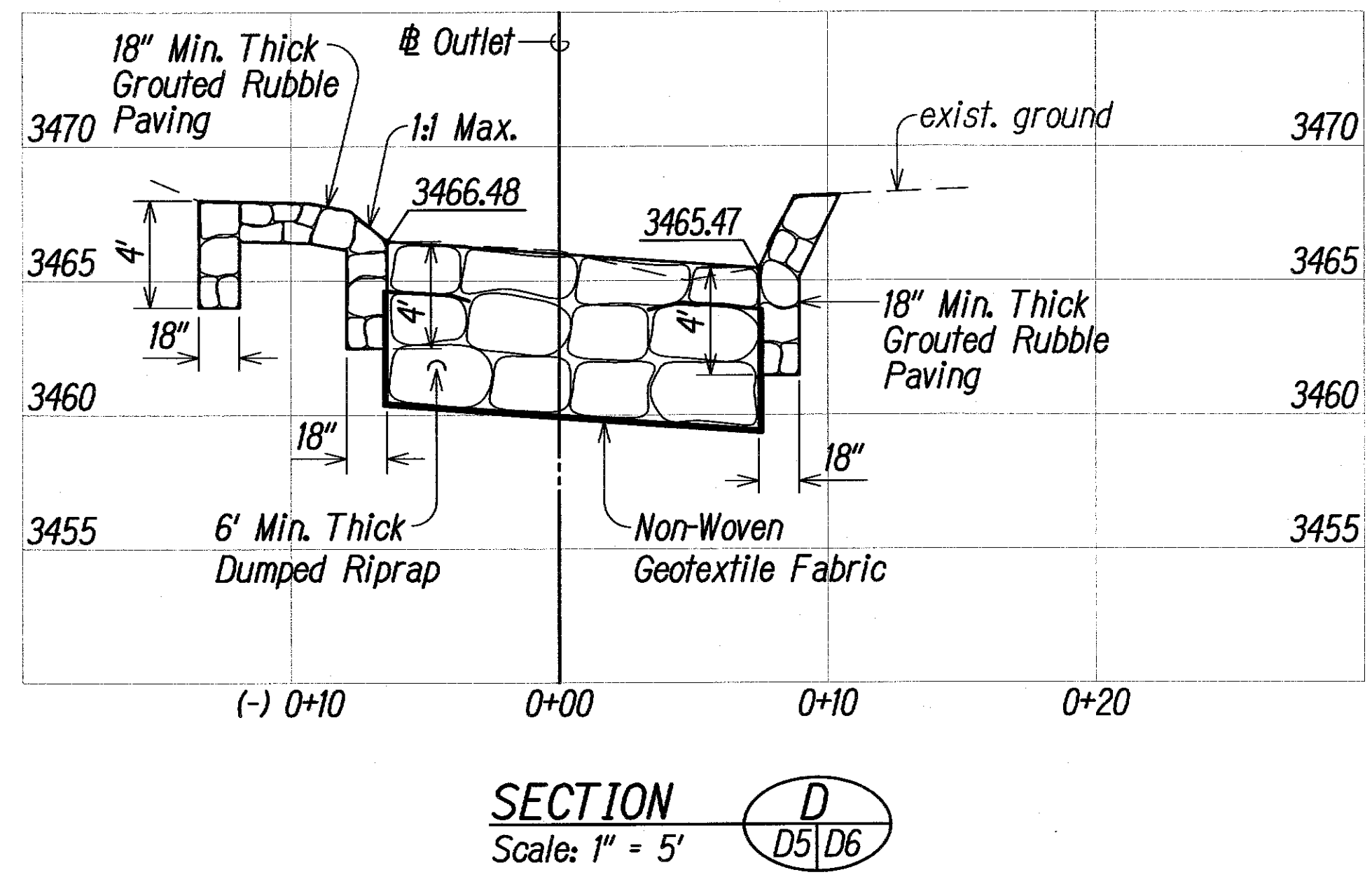
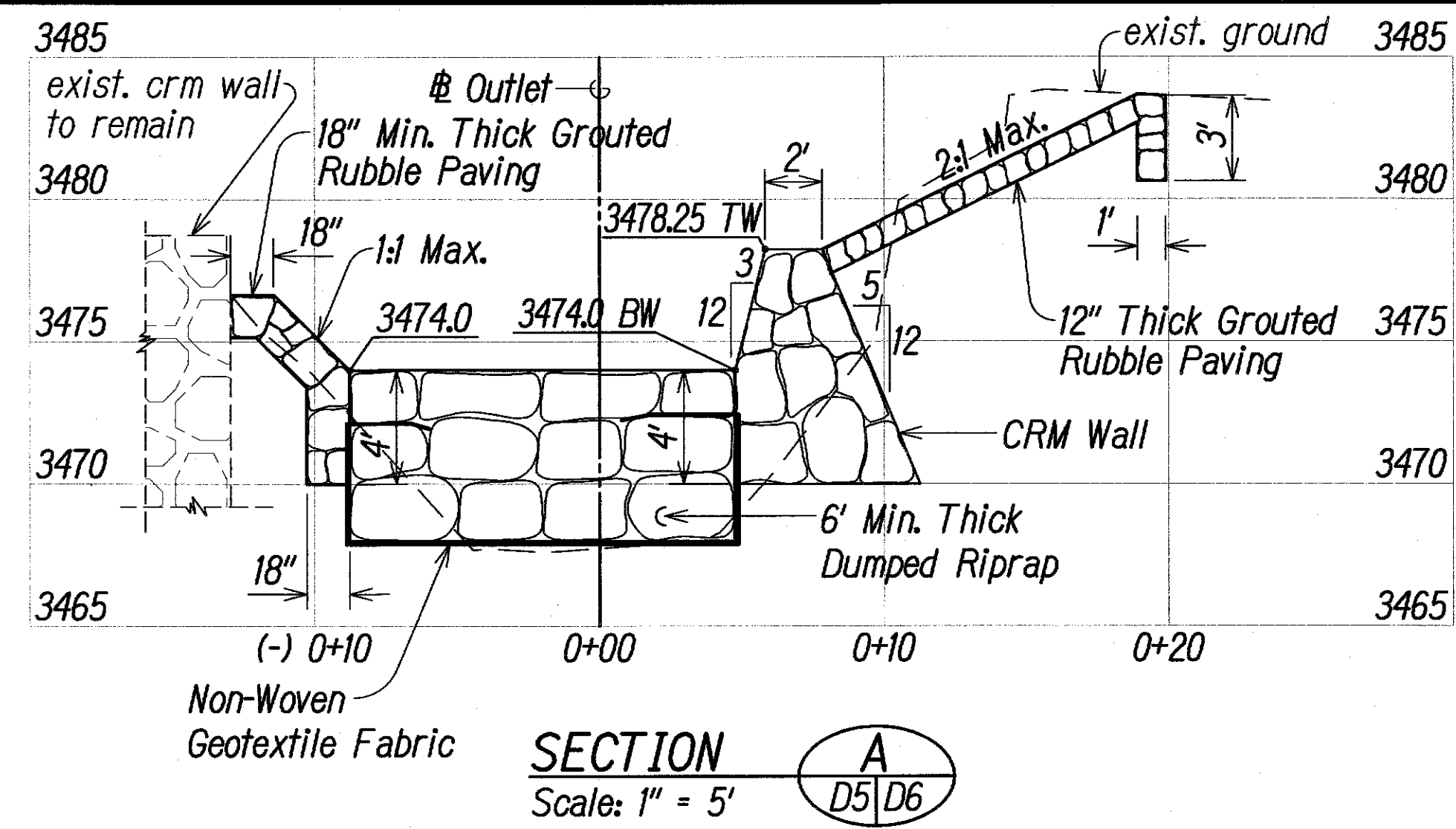
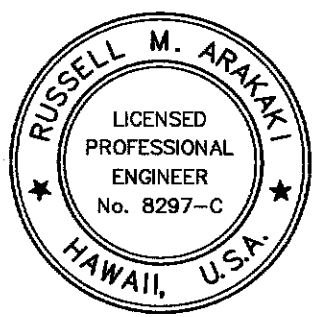


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-11	2014	19	28



DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.  
*Russell M. Araki*  
RMA, INC.  
dba PARK ENGINEERING  
APRIL 30, 2014  
LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### DRAINAGE OUTLET DETAILS

KEKAULIKE AVENUE  
Drainage Improvements  
Mile Post 7.6 to Mile Post 7.9  
PROJECT NO. 377A-01-11

Scale: As Shown  
Date: September 2013

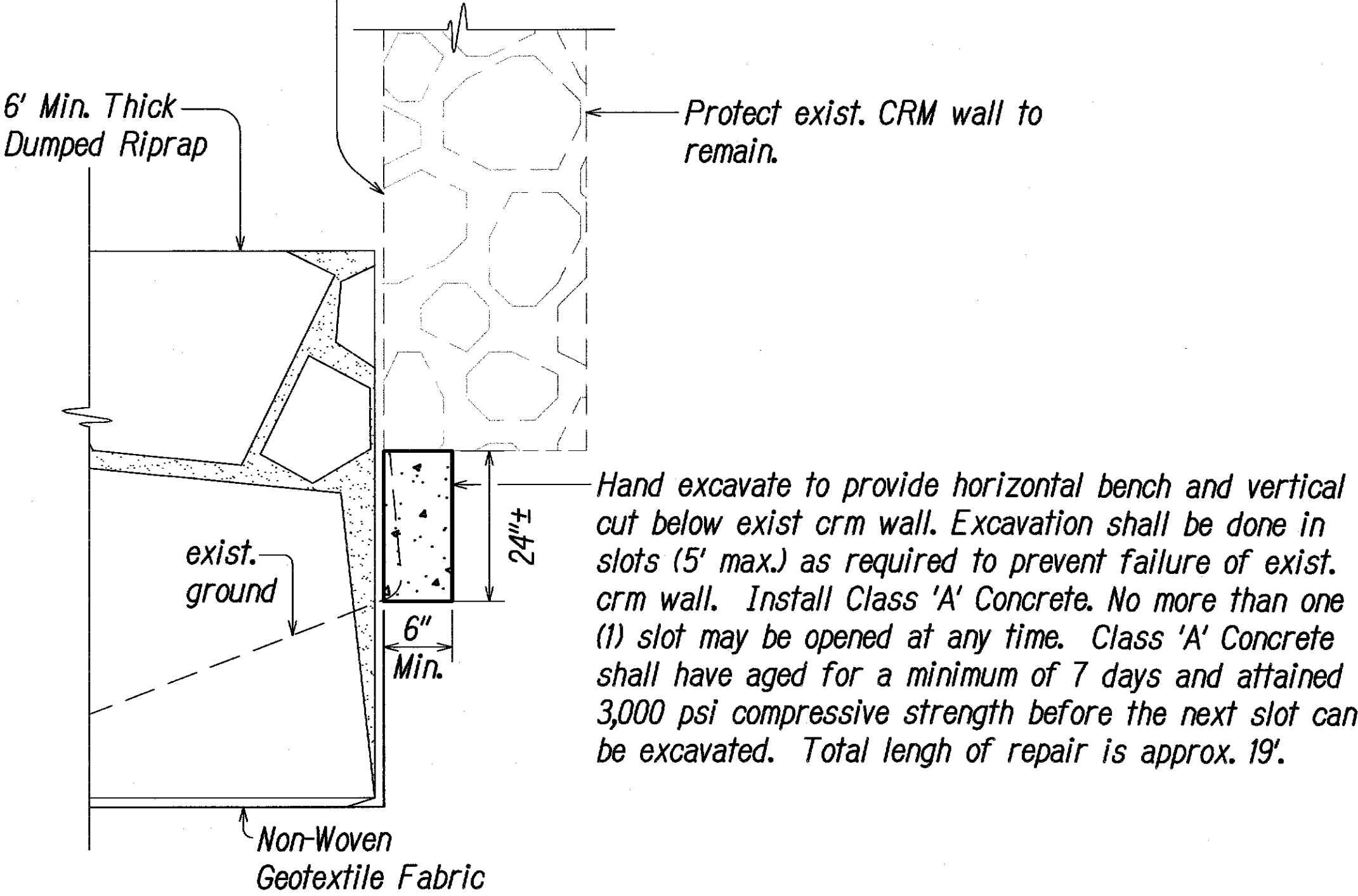
SHEET No. D6 OF D7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-11	2014	20	28

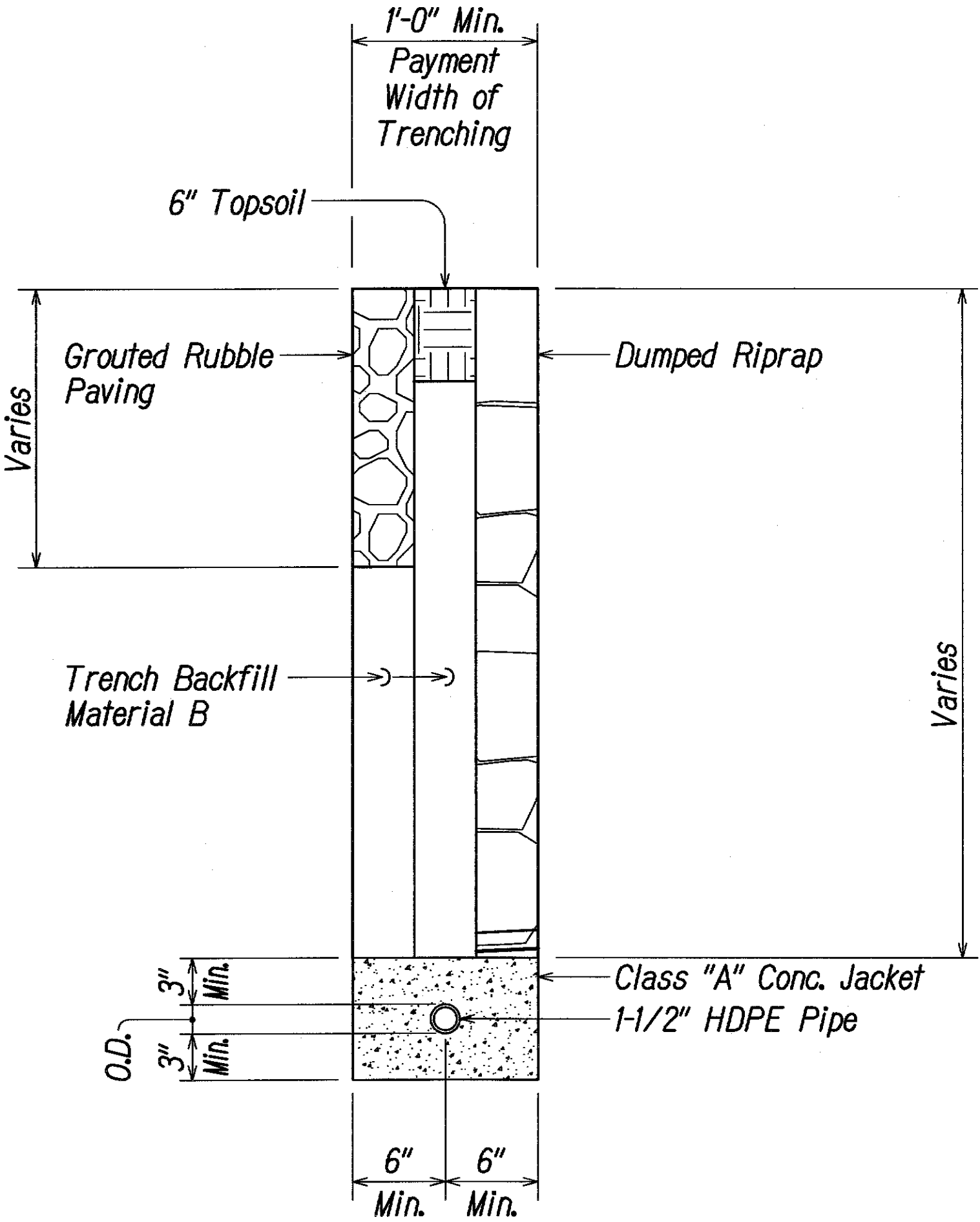
Notes:

- Hand excavation, temporary shoring, and protection of the existing CRM wall not be paid for separately but shall be included with Item No. 503.0100.
- Boulders under the existing CRM wall shall remain as directed by the engineer.

Provide temporary shoring during foundation repair. Submit shop drawings stamped by a Hawaii Licensed Structural Engineer.



DETAIL  
Not to Scale



TYPICAL TRENCH DETAIL FOR WATERLINE  
Scale: 1-1/2" = 1'-0"

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.

*Russell M. Araki*  
APR 30, 2014  
LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

OUTLET DETAILS  
  
KEKAULIKE AVENUE  
Drainage Improvements  
Mile Post 7.6 to Mile Post 7.9  
PROJECT NO. 377A-01-11  
Scale: As Shown Date: September 2013

SHEET No. D7 OF D7 SHEETS